

Substitute for form 1449/PTO

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Sheet	1	of	3 sheets
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Application Number	10/517,899
Filing Date	June 13, 2003
First Named Inventor	Peter John Meikle
Group Art Unit	
Examiner Name	/Robert Xiaoyun Xu/
Attorney Docket Number	124187.0012 US1 (TLHR-0001WO/US)

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Claim Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†*
		Country Code* - Number* - Kind Code* (if known)	Publication Date MM-DD-YYYY			
	4.	RU 2,196,988	01-19-2000	Dembure et al.,	Entire Patent	
	5.	WO 01/84941	12-13-2001	Millington et al.,	Entire Patent	
	6.	WO 03/048784	06-12-2003	Winchester et al.,	Entire Patent	

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<sup>3</sup> Applicant's single document designation number (optional). <sup>4</sup> For Japanese patent documents, the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 3 sheets

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**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	7.	BYERS S, Rozaklis T, Brumfield LK, Ranieri E, Hopwood JJ. Glycosaminoglycan accumulation and excretion in the mucopolysaccharidoses: characterization and basis of a diagnostic test for MPS. <i>Mol Genet Metab</i> 1998;65(4):282-90.	
	8.	DESAIRE H, Leary JA. Detection and Quantification of the Sulfated Disaccharides in Chondroitin Sulfate by Electrospray Tandem Mass Spectrometry. <i>J Am Soc Mass Spectrom</i> . 2000 Oct;11(10):916-20.	
	9.	ELLIOTT H, Hopwood JJ. Detection of the Sanfilippo D syndrome by the use of a radiolabeled monosaccharide sulfate as the substrate for the estimation of N-acetylglucosamine-6-sulfate sulfatase. <i>Anal Biochem</i> 1984;138(1):205-9.	
	10.	GERBER SA, Scott CR, Turecek F, Gelb MH. Direct Profiling of Multiple Enzyme Activities in Human Cell Lysates by Affinity Chromatography/electrospray Ionization Mass Spectrometry: Application to Clinical Enzymology. <i>Anal Chem</i> . 2001 Apr 15;73(8):1651-7.	
	11.	HOPWOOD JJ, Elliott H. Urinary Excretion of Sulfated N-acetylhexosamines in Patients with Various Mucopolysaccharidoses. <i>Biochem J</i> 1985;229(3):579-86.	
	12.	HOPWOOD JJ, Harrison JR. High-resolution Electrophoresis of Urinary Glycosaminoglycans: an Improved Screening Test for the Mucopolysaccharidoses. <i>Anal Biochem</i> . 1982 Jan 1;119(1):120-7.	
	13.	HUA CT, Hopwood JJ, Carlsson SR, Harris RJ, Meikle PJ. Evaluation of the Lysosome-Associated Membrane Protein LAMP-2 as a Marker for Lysosomal Storage Disorders. <i>Clin Chem</i> 1998;44(10):2094-102.	
	14.	MEIKLE PJ, Brooks DA, Ravenscroft EM, Yan M, Williams RE, Jaunzems AE, et al. Diagnosis of Lysosomal Storage Disorders: Evaluation of Lysosome-Associated Membrane Protein LAMP-1 as a Diagnostic Marker. <i>Clin Chem</i> 1997;43(8 Pt 1):1325-35.	
	15.	NEUFELD EF, Meunier J. The Mucopolysaccharidoses. In: Scriver CR, Beaudet AL, Sly WS, Valle D, editors. <i>The Molecular Basis of Inherited Disease</i> . New York: McGraw-Hill; 2001. p. 3421-52.	
	16.	PACKER NH, Lawson MA, Jardine DR, Redmond JW. A General Approach to Desalting Oligosaccharides Released from Glycoproteins. <i>Glycoconj J</i> . 1998 Aug;15(8):737-47.	

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SignatureDate  
Considered

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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	17.	PITT JJ, Gorman JJ. Oligosaccharide Characterization and Quantitation Using 1-phenyl-3-methyl-5-pyrazolone Derivatization and Matrix-Assisted Laser Desorption/ionization Time-of-Flight Mass Spectrometry. Anal Biochem. 1997 May 15;248(1):63-75. Related Articles, Links	
	18.	RAMSAY SL, Meikle PJ, Hopwood JJ. Determination of Monosaccharides and Disaccharides in Mucopolysaccharidoses Patients by Electrospray Ionisation Mass Spectrometry. Mol Genet Metab 2003;78(3):193-204.	
	19.	ROZAKLIS T, Ramsay SL, Whitfield PD, Ranieri E, Hopwood JJ, Meikle PJ. Determination of oligosaccharides in Pompe disease by electrospray ionization tandem mass spectrometry. Clin Chem. 2002 Jan;48(1):131-9.	
	20.	SCOTT HS, Litjens T, Nelson PV, Thompson PR, Brooks DA, Hopwood JJ, et al. Identification of mutations in the alpha-L-iduronidase gene (IDUA) that cause Hurler and Scheie syndromes. Am J Hum Genet 1993;53(5):973-86.	
	21.	SWEETMAN L. Newborn Screening by Tandem Mass Spectrometry: Gaining Experience. Clin Chem. 2001 Nov;47(11):1937-8.	
	22.	WHITFIELD P, Johnson AW, Dunn KA, Delauche AJ, Winchester BG, Franklin RJ. GM1-Gangliosidosis in a Cross-bred Dog Confirmed by Detection of GM1-ganglioside using Electrospray Ionisation-tandem Mass Spectrometry. Acta Neuropathol (Berl). 2000 Oct;100(4):409-14.	
	23.	PCT International Search Report, Australian Patent Office, August 29, 2003	

Examiner Signature	/Robert Xiaoyun Xu/	Date Considered	03/10/2009
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